

Message

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**From:** Nwosu, Bernard [Ben.Nwosu@WestonSolutions.com]  
**Sent:** 12/16/2016 3:55:14 PM  
**To:** Gaughan, Daniel [Gaughan.Daniel@epa.gov]  
**Subject:** RE: CRU - Groundwater Analyses

\$40 per sample. We have a total of four samples, including one field duplicate.

***Ben Nwosu***

**Senior Project Scientist / Group Leader**  
Weston Solutions, Inc.

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**From:** Gaughan, Daniel [mailto:Gaughan.Daniel@epa.gov]  
**Sent:** Friday, December 16, 2016 10:51 AM  
**To:** Nwosu, Bernard <Ben.Nwosu@WestonSolutions.com>  
**Subject:** Re: CRU - Groundwater Analyses

Costs?

Dan Gaughan  
917-613-2153  
[gaughan.daniel@epa.gov](mailto:gaughan.daniel@epa.gov)

On Dec 16, 2016, at 10:49 AM, Nwosu, Bernard <[Ben.Nwosu@WestonSolutions.com](mailto:Ben.Nwosu@WestonSolutions.com)> wrote:

Dan,

I just got off the phone with the lab and they confirmed receipt of the groundwater samples. However, during our conversation they indicated that gamma spec for aqueous matrix is not very sensitive and it usually has a high minimum detectable concentration (MDC). They suggested that we consider a more sensitive analyses, alpha/beta screening (EPA 900.0), in addition to running gamma spec (at an additional cost).

Here is a list of the analyses we requested.

Isotopic thorium (DOE Method HASL-300/U-02)  
Isotopic uranium (DOE Method HASL-300/U-02)  
Gamma spectroscopy (EPA Method 901.1)  
Radium-226 [ingrowth] (EPA Method 903.1)  
Radium-228 (EPA Method 904.0)  
Other alpha emitting actinides (DOE Method HASL-300/U-02)

Please advise if this is something you would be interested in and let me know if you have any questions.

Thanks,

***Ben Nwosu***

**Senior Project Scientist / Group Leader**  
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